

NONRESIDENTIAL MARKET SHARE TRACKING STUDY

APPENDIX D DATA DICTIONARY FOR THE PUBLIC DATABASE

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CONSULTANT REPORT

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Data Dictionary for the Public Database

Field #	Field Name	Data Type	Field Size	Description
Table: tblBiblio				Descriptive information for secondary studies
1	SourceKey	Number, Double	8	Identifier that links to "tblDAQ"
2	StudyName	Text	255	Full title of the study or report
3	Author	Text	255	Primary author or principal investigator
4	AuthorAffil	Text	255	Employer of the author
5	SponsorOrg	Text	255	Organization that sponsored the study Organization that sponsored the study
6	DatePublish	Date/Time	8	Date of publication of the study
Table: tblChannelSort_Light				Utility table
1	Channel	Text	255	
2	SortOrder	Number, Long Integer	4	Sorting order for data display purpose
Table: tblCIFAR_Market				1998 California Food Industry Energy Management Survey data
1	Survey_Question_Type	Text	255	Main question being asked in study
2	Sort_Field	Number, Double	8	Field to sort responses
3	Survey_Question	Text	255	Categorical variables for main survey question
4	Response	Number, Double	8	Percentage of positive responses
5	DQA_ID	Text	255	Field used to link this table to tblDQA table
Table: tblCIFAR_Technologies				1998 California Food Industry Energy Management Survey data
1	Survey_Question_Type	Text	255	Main question being asked in study
2	Sort_Field	Number, Double	8	Field to sort responses
3	Survey_Question	Text	255	Categorical variables for main survey question
4	CURRENT	Number, Double	8	Percentage of respondents currently using stated technology
5	INCREASE	Number, Double	8	Percentage of respondents expected to increase use of stated technology
6	DECREASE	Number, Double	8	Percentage of respondents expected to decrease use of stated technology
7	FUTURE	Number, Double	8	Percentage of respondents expected to evaluate stated technology in future
8	DQA_ID	Text	255	Field use to join this table to tblDQA table

Field #	Field Name	Data Type	Field Size	Description
Table: tbIDEER_Costs				2001 Database for Energy Efficiency Resources Update Study data
1	NumObs	Number, Long Integer	4	number of observations
2	CostUnit	Text	20	cost units of the observation (e.g., \$/unit, \$/sf)
3	EndUse	Text	20	end use associated with the cost observation
4	TechCat	Text	25	technology category within the end use
5	TechType	Text	55	technology type within a technology category
6	TechSTyp	Text	65	technology subtype
7	PageNum	Text	50	Page number
8	Base_Rpl	Text	10	base case (B) or replacement (R)
9	Full_Inc	Text	50	full cost or incremental
10	Sector	Text	50	R=Residential, NR=Nonresidential, ALL, LI=Low Income
11	Channel	Text	20	C = contractor, M = manuf, R = retail, W = wholesaler (incl mfr reps), I = Internet
12	Volume	Text	5	H (high), M (med), L (low), T (list price)
13	CCIGnum	Text	30	closest matching CCIG number from the 1996 MCS
14	BaseDesc	Text	100	a description of the base case measure
15	Vintage	Text	10	NEW, RET, ROB, ALL, NR (new+ret), NB (new+burnout), BR (ret+burnout)
16	FuelType	Text	4	ELEC, GAS, EG (both)
17	Size1	Number, Double	8	rated size of the equipment
18	Size1Unt	Text	35	units associated with Size1 variable
19	Method	Text	50	the analysis method used to derive the cost estimate
20	ReplDesc	Text	100	a description of the replacement case measure
21	InstldC	Currency	8	total installed cost
22	EquipC	Currency	8	equipment cost (excluding labor)
23	LaborC	Currency	8	labor cost (excluding equipment)
24	EnStar	Number, Integer	2	flag for Energy Star compliance
25	DescSort	Number, Long Integer	4	sort order for base and replacement measure descriptions (on report)
26	DQA_ID	Text	50	Join variable to tbIDQA
Table: tbIDQA				Data quality attributes
1	DQA_ID	Text	255	Identification Code to link join various study tables to tbIDQA table
2	Respondent Uncertainty	Text	255	Indicator of the respondent's uncertainty for selected items
3	CollectMethod	Text	255	Manner in which data was collected

Field #	Field Name	Data Type	Field Size	Description
4	ReportedStdErr	Number, Double	8	The measure of the random sampling error of the estimate as provided in the secondary data source consulted
5	SamplBias	Text	255	Error due to non-response or incomplete response from a selective sample
6	RespRate	Number, Double	8	Number of sample points completed to number attempted
7	SamplMethod	Text	255	Methodology of the sampling
8	No_Obs	Text	255	Number of Observations
9	SamplSize	Number, Double	8	Sample size
10	DataType	Text	255	Type of data collected;Categorical, truncated, continuous, likert-scale, binary, or not reported
11	EstMethod	Text	255	Estimation technique
12	Channel	Text	255	Type of respondent: manufacturer, distributor, architect, user, or N.A.
13	SourceKey	Number, Double	8	Field use to link tblDQA table to tblBiblio table
Table: tblNRMSTS				Contains summary statistic data of the On-site survey
1	SurveySectionKey	Text	20	Identifier of the NRMSTS survey section
2	SupplementalDescriptionKey	Text	20	Identifier of a description
3	PrimaryField	Text	255	Primary fields associated with the supplemental description
4	SecondaryField	Text	40	Secondary fields associated with the supplemental description
5	EstimationDone	Text	40	Percentage, ratio, means average or numerate or denominator of a ratio
6	Estimate	Text	12	The values of the "EstimationDone". "W" was used if the number of observation is less than the threshold we are reporting (currently set to 10). "NA" = Reported if ratio or standard error/deviations is zero.
7	Categorical	Text	255	
8	AREA	Text	12	Utility area (PGE, SCE, SDGE or the combination of all three areas)
9	SIC	Text	25	Standard Industrial Code (20-39)
10	NumOfObs	Text	12	Number of observations
11	StandardError	Text	12	Standard Error or standard deviation of the estimate. "W" was used if the number of observation is less than the threshold we are reporting (currently set to 10). "NA" = Reported if ratio or standard error/deviations is zero.
12	SortOrder	Number, Double	8	Sort Order

Field #	Field Name	Data Type	Field Size	Description
13	ResponseSort	Number, Long Integer	4	Sort order for the categorical field
Table: tbINRMSTS_Desc				
1	SupplementalDescriptionKey	Text	20	Identifier of a description
2	SupplementalDescription	Memo		Supplement description
3	AttributeGroup	Text	255	Description category (e.g. Market share; Decision factor, etc.)
Table: tbINRMSTS_Desc_lu				
1	SupplementalDescriptionKey	Text	20	Identifier of a description
2	SurveySection	Text	50	NRMSTS survey section
3	Phase	Number, Integer	2	Survey phase. 1 represents phase 1, 2 represents phase 2
4	SortOrder	Number, Long Integer	4	Supplemental description sort order
5	QNum	Text	50	Question number on the survey questionnaire
6	RelatedSurvey	Text	255	Survey section related
Table: tbINRMSTS_Section_lu				
				Survey section Look up table
1	SurveySectionKey	Text	20	Identifier of the NRMSTS survey section
2	SurveySection	Text	50	NRMSTS survey section
3	SurveySectionDescription	Text	255	The description of a NRMSTS survey section
Table: tbINRNC				
				1998 Non-Residential Baseline Study data for window and lighting technologies
1	RecID	AutoNumber, Long Integer	4	ID of the record and the primary key of the table
2	DQA_ID	Text	255	Field used to join this table to tblDQA table
3	Technology	Text	50	Identify the technology: Lighting, Windows
4	Utility_Code	Number, Double	8	Code used to identify utility
5	Utility_Label	Text	255	Utility
6	Building_Code	Number, Double	8	Code used to identify building type
7	Building_Label	Text	255	Building type based on T24 definitions
8	Year	Number, Double	8	Study year
9	Technology_Code	Text	255	Code used to identify technology type
10	Technology_Label	Text	255	Technology type
11	Efficiency_Code	Number, Double	8	Efficiency rating code
12	Efficiency_Label	Text	255	Efficiency label
13	Estimate	Number, Double	8	Estimate of market share for technology

Field #	Field Name	Data Type	Field Size	Description
Table: tbINRNC_chiller				1998 Non-Residential Baseline Study data for chiller technology
1	Chiller_Type	Text	255	Chiller type (Air or Water cooled)
2	Chiller_Size	Text	255	Chiller size
3	Efficiency_Range	Text	255	Efficiency range (kW/ton) for Efficiency Level
4	Efficiency_Level	Text	255	Efficiency level for chiller size and type
5	Market_Share	Number, Double	8	Computed market share
6	DQA_ID	Text	255	Field used to join this table to tblDQA table
7	SizeSort	Number, Integer	2	Sort field for report
Table: tbIRMSTS_PAC				2000 Residential Efficiency Market Share Tracking data
1	DQA_ID	Text	255	Field used various study tables to this table
2	Area	Text	255	Utility service territory
3	DataCollectionPeriod	Text	255	Period that data was collected
4	Estimate	Number, Double	8	Estimated market share or number of units sold
5	Description	Text	255	Description of estimated value
6	AreaSort	Number, Integer	2	Area sort order
Table: tblSIC_Desc				Lookup table for SIC Code
1	SIC_Code	Number	Double	Code of the SIC.
2	SIC_CodeDisplay	Text	50	SIC code displayed on the user interface of the application
3	SIC_Description	Text	255	1987 U. S. SIC description
4	SIC_Phase	Text	2	Survey phase
5	NAICS	Text	255	North American Industry Classification System codes
Table: tblSMUD_lighting_1				2000 C&I New Construction and retrofit Lighting and design Practices study data
1	DataCollectionPeriod	Text	255	Period over which that data was collected
2	More_Than_3/4_Electronic_Ballasts	Number, Double	8	Percentage of respondents that stated more than 3/4 of general floor area in new construction projects used T8 lamps and electronic ballasts
3	More_than_1/2_Electronic_Ballasts	Number, Double	8	Percentage of respondents that stated more than 1/2 of general floor area in retrofit projects used T8 lamps and electronic ballasts
4	Less_than_1/4_Electronic_Ballasts	Number, Double	8	Percentage of respondents that stated less than 1/4 of general floor area in retrofit projects used T8 lamps and electronic ballasts
5	Unsure	Number, Double	8	Percentage of respondents that were unsure

Field #	Field Name	Data Type	Field Size	Description
6	DQA_ID	Text	255	Field that joins this table to tblDQA
Table: tbISMUD_lighting_2				2000 C&I New Construction and retrofit Lighting and design Practices study data
1	DataCollectionPeriod	Text	255	Period that data was collected
2	More_Than_3/4_Electronic_Ballasts	Number, Double	8	Percentage of respondents that stated more than 3/4 of general floor area in retrofit projects used T8 lamps and electronic ballasts
3	More_than_1/2_Electronic_Ballasts	Number, Double	8	Percentage of respondents that stated more than 1/2 of general floor area in retrofit projects used T8 lamps and electronic ballasts
4	More_than_1/4_Electronic_Ballasts	Number, Double	8	Percentage of respondents that stated more than 1/4 of general floor area in retrofit projects used T8 lamps and electronic ballasts
5	Less_than_1/4_Electronic_Ballasts	Number, Double	8	Percentage of respondents that stated less than 1/4 of general floor area in retrofit projects used T8 lamps and electronic ballasts
6	Unsure	Number, Double	8	Percentage of respondents that were unsure
7	DQA_ID	Text	255	Field that joins this table to tblDQA
Table: tbISMUD_lighting_3				2000 C&I New Construction and retrofit Lighting and design Practices study data
1	DataCollectionPeriod	Text	255	Period that data was collected
2	Always	Number, Double	8	Percentage of respondents that always recommend T8 lamps and Electronic Ballasts
3	Usually	Number, Double	8	Percentage of respondents that usually recommend T8 lamps and Electronic Ballasts
4	Frequently	Number, Double	8	Percentage of respondents that frequently recommend T8 lamps and Electronic Ballasts
5	Occasionally	Number, Double	8	Percentage of respondents that occasionally recommend T8 lamps and Electronic Ballasts
6	Unsure	Number, Double	8	Percentage of respondents that unsure if they recommend T8 lamps and Electronic Ballasts
7	DQA_ID	Text	255	Field that joins this table to DQA table
Table: tblStudy_lu				Study lookup table
1	StudyIndex	Text	20	Identifier of a study. Primary key of the table
2	PgCaption	Text	50	The caption of the tab page
3	ShortDesc	Text	255	Brief description of the study

Field #	Field Name	Data Type	Field Size	Description
4	FullDesc	Memo	0	Full description of the study
Table: tblStudyTech_lu				Study and technology Look up table
1	Technology	Text	100	Identifier of a technology. Primary key of the table
2	Study	Text	50	A study which contains the technology above
Table: tblSuppliers				Contains summary statistic data of the telephone survey on Chillers, Lighting and Windows
1	SurveySectionKey	Text	20	Identifier of the NRMSTS survey section
2	SupplementalDescriptionKey	Text	20	Identifier of a description
3	PrimaryField	Memo	0	Primary fields associated with the supplemental description
4	SecondaryField	Text	40	Secondary fields associated with the supplemental description
5	EstimationDone	Text	40	Percentage, ratio, means average or numerate or denominator of a ratio
6	Estimate	Text	12	The values of the "EstimationDone". "W" was used if the number of observation is less than the threshold we are reporting (currently set to 10). "NA" = Reported if ratio or standard error/deviations is zero.
7	Categorical	Memo	0	
8	AREA	Text	12	Utility area (PGE, SCE, SDGE or the combination of all three areas)
9	SIC	Text	25	Standard Industrial Code (20-39)
10	NumOfObs	Text	12	Number of observations
11	StandardError	Text	12	Standard Error or standard deviation of the estimate. "W" was used if the number of observation is less than the threshold we are reporting (currently set to 10). "NA" = Reported if ratio or standard error/deviations is zero.
12	SortOrder	Number, Double	8	Sort Order
13	ResponseSort	Number, Long Integer	4	Sort order for the categorical field
14	SplrType	Text	50	Type of the interviewee: Manufacturers, designers, contractors, contributors.
Table: tblTabPage_lu				Utility table
1	PageIndex	Text	10	Index of a page of the multi-page tab on Screen2
2	StudyName	Text	20	Name of the study
3	PgCaption	Text	50	Caption of the tab page